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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/934,699	. 08/22/2001	Satoru Okamoto	SEL 273	9139	
7590 06/25/2007 COOK, ALEX, MCFARRON, MANZO			EXAMINER		
CUMMINGS &	CUMMINGS & MEHLER, LTD.			DUONG, THOI V	
Suite 2850 200 West Adar	ns St	•	ART UNIT	PAPER NUMBER	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

ı	Application No.	Applicant(s)
	09/934,699	OKAMOTO ET AL.
Office Action Summary	Examiner	Art Unit
	Thoi V. Duong	2871
The MAILING DATE of this communication Period for Reply		ith the correspondence address
•	EDLV 10 CET TO EVDIDE 43 I	MONTH(S) OR THIRTY (20) DAVE
A SHORTENED STATUTORY PERIOD FOR REWHICHEVER IS LONGER, FROM THE MAILING  Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication of NO period for reply is specified above, the maximum statutory period for reply within the set or extended period for reply will, by some Any reply received by the Office later than three months after the rearned patent term adjustment. See 37 CFR 1.704(b).	G DATE OF THIS COMMUNION of THIS COMMUNION (THE NAME OF THIS COMMUNION OF THIS COMMUNICATION OF THIS COM	CATION. reply be timely filed ITHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
1) Responsive to communication(s) filed on 2	25 April 2007.	
	This action is non-final.	
3) Since this application is in condition for allo	owance except for formal mat	ters, prosecution as to the merits is
closed in accordance with the practice und	der <i>Ex parte Quayle</i> , 1935 C.D	). 11, 453 O.G. 213.
Disposition of Claims		and the second s
<u>_</u>	antinn	
4)⊠ Claim(s) <u>52-85</u> is fare pending in the applic 4a) Of the above claim(s) is/are with		
5) Claim(s) is/are allowed.	idiawii iloili consideration.	
6)⊠ Claim(s) <u>52-85</u> ie/are rejected.		
7) Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction as	nd/or election requirement.	
Application Papers		
_		*
9) The specification is objected to by the Exar 10) The drawing(s) filed on is/are: a)		by the Evaminer
Applicant may not request that any objection to	• •	•
Replacement drawing sheet(s) including the co		
11) The oath or declaration is objected to by the		
Priority under 35 U.S.C. § 119		
12)⊠ Acknowledgment is made of a claim for for	oign priority under 35 H S C &	\$ 110(a) (d) or (f)
	eigh phonty under 33 0.3.0. §	3 119(a)-(u) 01 (1).
a)⊠ All b)□ Some * c)□ None of:		
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## **DETAILED ACTION**

1. This office action is in response to the Amendment filed April 25, 2007.

Accordingly, claims 1-51 were amended, and new claims 52-85 were added.

Currently, claims 52-85 are pending in this application.

## Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 51-57, 59-66, 68-74 and 76-84 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minami et al. (Minami, US 6,967,632) in view of Priestman et al. (Priestman, USPN 6,812,954 B1), Nakamura et al. (Nakamura, US 5,734,914) and Nakai et al. (Nakai, US 6,072,454).

Re claim 52, as shown in Figs. 1-7, Minami discloses an electronic device comprising:

a cover member comprising a first display panel 4 for displaying an image; and a second display panel 2 (col. 3, lines 49-59 and col. 12, lines 26-34),

wherein the cover member comprising the first display panel 4 and the second display panel 2 are attached to each other to allow opening and closing (col. 4, lines 47-55 and col. 12, lines 21-25),

wherein the second display panel 2 includes a thin film transistor since the second display panel is an active matrix display (col. 3, lines 49-59), and

wherein the first display panel 4 and the second display panel 2 is a liquid crystal display panel (col. 12, lines 26-34).

However, Minami does not suggest that the second display panel comprising a touch input tablet.

As shown in Fig. 4, Priestman discloses a mobile videophone 200 (portable electronic device) comprising a first display panel 226 and a second display panel 220 comprising a touch input tablet which is used to control the basic operation of the videophone as well as being able to display video images received (col. 5, lines 17-22 and col. 8, lines 1-9 and 65-66).

Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the electronic device of Minami by employing a touch input tablet for the second display panel as taught by Priestman in order to allow the user to input commands and raw data (col. 5, lines 17-22).

Further, Minami does not suggest a CPU electrically connected with the second display device and a flash memory electrically connected to the CPU.

As shown in Fig. 1, Nakamura discloses a display comprising an LCD display device 16 and a computer system comprising a CPU 11 electrically connected to the LCD display device 16 and a Bios Rom 17 consisting of a flash memory electrically connected to the CPU (col. 3, line 44 through col. 4, line 30).

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Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify the electronic device of Minami by employing the computer system of Nakamura comprising a CPU electrically connected with the second display device and a flash memory electrically connected to the CPU in order to realize high-speed operation, power saving and low cost production (col. 1, lines 61-63).

Re claims 60 and 61, as shown in Figs. 1 and 2, in addition to the CPU 11 and the flash memory in the Bios Rom 17, Nakamura further discloses a VRAM 15, a DRAM 18, and a memory card 33 (col. 3, lines 44-65 and col. 4, lines 50-55), wherein the VRAM 15, the DRAM 18, and the memory card 33 are electrically connected with the CPU.

Re claim 68, Nakamura further discloses that the CPU processes and outputs an image signal, and a control circuit 14 (display controller) distributes the image signal as data to the LCD device 16 (col. 3, lines 51-60 and col. 4, lines 14-20). Accordingly, it is obvious that the image signal data corresponds to each pixel for image display in the LCD device.

Furthermore, Minami does not disclose that the thin film transistor of the second display device is formed of a semiconductor layer of amorphous silicon as recited in claims 52, 60, 69 and 78; or the first display device or the second display device includes an inverse stagger TFT as recited in claim 77.

However, according to an intended application, it is well known in the art that the TFT is formed of a semiconductor layer of amorphous silicon and the display device

includes a top gate TFT or an inverse stagger TFT as disclosed by Nakai (col. 17, lines 35-41).

Re claim 79, Nakamura discloses a flash memory electrically connected with the CPU as mentioned above.

Re claims 53, 62, 70 and 80, Minami discloses that the first display device 2 is an active matrix display (col. 3, lines 49-59).

Re claims 54, 63, 71 and 81, Priestman discloses that the touch screen can be use as a man machine interface combined with iconic and /or alphanumeric displays (col. 8, line 66 through col. 9, line 5). Accordingly, it is obvious that the second display device comprising the touch input tablet displays on a screen at least one item selected from the group consisting of at least one button and an image.

Re claims 55, 64, 72 and 82, Priestman discloses that the portable electronic device comprises audio portions 224, 228 as a communication function (col. 9, lines 18-30).

Re claims 56, 65, 73 and 83, Priestman discloses that the second display panel 220 comprises an image pickup device 222 (CCD video camera).

Re claims 57, 66, 74 and 84, Priestman discloses that one of the first display device and the second display device comprises a system 222 for identifying a user (col. 8, lines 54-64).

Re claims 59 and 76, Priestman discloses that the portable electronic device is a mobile telephone as shown in Fig. 4.

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4. Claims 58, 67, 75 and 85 are rejected under 35 U.S.C. 103(a) as being unpatentable over Minami et al. (Minami, US 6,967,632) in view of Priestman et al. (Priestman, USPN 6,812,954 B1), Nakamura et al. (Nakamura, US 5,734,914) and Nakai et al. (Nakai, US 6,072,454) as applied to claims 51-57, 59-66, 68-74 and 76-84 above, and further in view of Watanabe (US 6,098,055).

As shown in Figs. 1 and 2, Nakamura discloses the CPU 11 including an image signal processing circuit 10A, wherein information processed by the CPU is outputted as the image signal from the image processing circuit 10A to the control circuit 14 (col. 3, lines 51-61 and col. 4, lines 14-20). However, Minami in view of Priestman, Nakamura and Nakai does not disclose a tablet interface for inputting a signal from the touch input tablet.

As shown in Figs. 2 and 6, Watanabe discloses a portable terminal comprising a liquid crystal display device 18 having a touch input tablet 19 (touch panel) and a tablet interface 24 (I/O interface) for inputting a signal from the touch input tablet (col. 4, lines 12-24 and col. 5, lines 47-59).

Thus, it would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify the electronic device of Minami by having a tablet interface for generating a signal from the touch input tablet of the second display device (col. 5, lines 47-59).

## Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

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§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

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MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Thoi V. Duong whose telephone number is (571) 272-

2292. The examiner can normally be reached on Monday-Friday from 8:30 am to 4:30

pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, David Nelms, can be reached at (571) 272-1787.

Thomsmothing

Thoi V. Duong

06/13/2007